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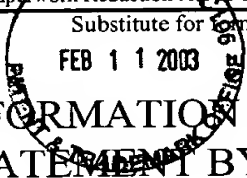
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<div style="text-align: center;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) SHEET 1 of 1</div>	COMPLETE IF KNOWN	
	Application Number	09/914,966
	Confirmation Number	6640
	Filing Date	September 6, 2000
	First Named Inventor	Larry N. Mack
	Group Art Unit	1714 1771
Examiner Name	JSB/TC	
Attorney Docket Number	7456R	

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
J		5,277,761	01/11/1994	Van Phan et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
F		JP 06-269,239	09/27/1994	Toray Industries, Inc.		
		JP 09-041,224	02/10/1997	Tokushu Paper Mfg. Co. Ltd.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

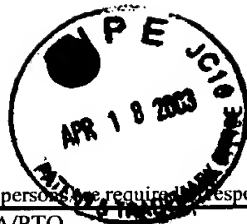
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	09/914,966
Confirmation Number	6640
Filing Date	September 6, 2002
First Named Inventor	Larry N. Mackey
Group Art Unit	1714
Examiner Name	John Guarnello
Attorney Docket Number	7456R

U. S. PATENT DOCUMENTS

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J		3,280,229	10/18/1966	Simons	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶

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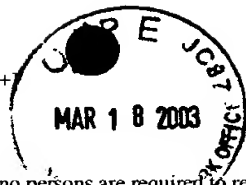
EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER		John Guarnello	DATE CONSIDERED 6/2003

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Application Number	09/914,966
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Examiner Name	John Guarnello
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		JP 6212594	08/02/1994	Honshu Paper Co. Ltd.		Y

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

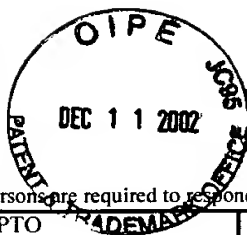
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SHEET 1 of 1

Application Number	09/914,966
Confirmation Number	6640
Filing Date	September 6, 2001
First Named Inventor	Larry N. Mackey
Group Art Unit	1714
Examiner Name	
Attorney Docket Number	7456R

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<i>JK</i>		5,122,048	06/16/1992	Deeds	

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<i>JK</i>		EP 1 035 163 A2	09/13/2000	Humatro Corp.		
		EP 0 541 050 A2	05/12/1993	EMS-Inventa AG		

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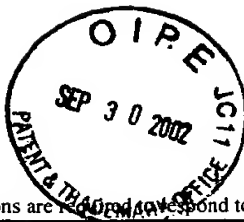
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	Application Number	09/914,966
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	Filing Date	September 6, 2001
	First Named Inventor	Larry N. Mackey
	Group Art Unit	1714 / 1771
	Examiner Name	John Guarnello
Attorney Docket Number	7456R	

U. S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
JF		5,286,770	02/15/1994	Bastoli et al.	
		6,365,002 B1	04/02/2002	Bindzus et al.	
		6,365,079 B1	04/02/2002	Winkler et al.	

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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EXAMINER	John Guarnello	DATE CONSIDERED	6/2003
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<p>Substitute for form I449A/PTO</p> <h2 style="margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p>(use as many sheets as necessary)</p> <p>SHEET 1 of 1</p>	<p style="text-align: center; margin: 0;">COMPLETE IF KNOWN</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>09/914,966</td> </tr> <tr> <td>Confirmation Number</td> <td>6640</td> </tr> <tr> <td>Filing Date</td> <td>September 6, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Larry Neil Mackey et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1714 / 1771</td> </tr> <tr> <td>Examiner Name</td> <td>John Guarnello</td> </tr> <tr> <td>Attorney Docket Number</td> <td>U 013595-2 (7456R)</td> </tr> </table>	Application Number	09/914,966	Confirmation Number	6640	Filing Date	September 6, 2001	First Named Inventor	Larry Neil Mackey et al.	Group Art Unit	1714 / 1771	Examiner Name	John Guarnello	Attorney Docket Number	U 013595-2 (7456R)
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U. S. PATENT DOCUMENTS

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JL		2,570,449	.	Horsak	10/09/1951	—
		5,346,936	.	Buehler et al.	09/13/1994	—
		5,444,113	.	Sinclair et al.	08/22/1995	—
		5,516,815	.	Buehler, et al.	05/14/1996	—

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
JL		GB	1,247,474	Barger et al.	09/22/1971	—	
		JP	10008364	Kazuhiko	01/13/1998	—	
		JP	62028410	Seiichi	02/06/1987	—	
		JP	09276331		01/28/1997	—	

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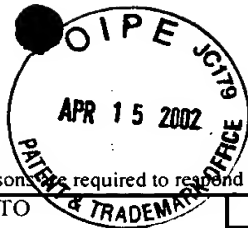
EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER	John Guarnello		DATE CONSIDERED 6/2003

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SHEET 1 of 1

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Group Art Unit	1714 1776
Examiner Name	John Guarrelo
Attorney Docket Number	7456R

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J	1	US- 6,302,997 B1	10/16/2001	Hurter et al.	
J	2	US- 6,303,000 B1	10/16/2001	Floyd et al.	
		US-			
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J	3	WO 01/49912 A1	07/12/2001	Tsai et al.		

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PATENT AND TRADEMARK OFFICE

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09/914,966

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

Larry Neil MACKEY

(Use several sheets if necessary)

FILING DATE

GROUP

September 6, 2001

4714/471

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>dupl</i>	AA	5 5 1 6 8 1 5	5/1996	BUEHLER ET-AL.	523	128	
<i>2</i>	AB	3 1 1 7 0 1 4	1/1964	KLUG	106	213	
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														YES	NO	
<i>dupl</i>	AL			1	0	8	3	6	4	1/1998	JP				X	
<i>dupl</i>	AM			6	2	2	8	4	1	0	2/1998	JP				X
<i>dupl</i>	AN			9	2	7	6	3	3	1	10/1997	JP				X
<i>Li</i>	AO			6	3	5	2	7	4	4/1950	GB			X		

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

<i>all dupl</i>	AP	PATENT ABSTRACTS OF JAPAN PUBLICATION NO. 10-008364 DATED JANUARY 1998
	AQ	PATENT ABSTRACTS OF JAPAN PUBLICATION NO. 62-028410 DATED FEBRUARY 1987
	AR	DERWENT ABSTRACT ACCESSION NO. 98-012572/02 JP09276331 DATED OCTOBER 1997
	AS	PATENT ABSTRACTS JP9276331 DATED 1997

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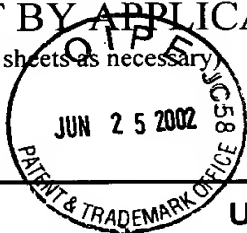
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








<p style="text-align: center;">Substitute for form 1449A/PTO</p> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p> <p style="text-align: center;">SHEET 1 of 5</p>	<p style="text-align: center;">COMPLETE IF KNOWN</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>09/914,966</td> </tr> <tr> <td>Confirmation Number</td> <td>6640</td> </tr> <tr> <td>Filing Date</td> <td>September 6, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Larry N. Mackey</td> </tr> <tr> <td>Group Art Unit</td> <td>1714 / 177</td> </tr> <tr> <td>Examiner Name</td> <td>John Guarriello</td> </tr> <tr> <td>Attorney Docket Number</td> <td>7456R</td> </tr> </table>	Application Number	09/914,966	Confirmation Number	6640	Filing Date	September 6, 2001	First Named Inventor	Larry N. Mackey	Group Art Unit	1714 / 177	Examiner Name	John Guarriello	Attorney Docket Number	7456R
Application Number	09/914,966														
Confirmation Number	6640														
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First Named Inventor	Larry N. Mackey														
Group Art Unit	1714 / 177														
Examiner Name	John Guarriello														
Attorney Docket Number	7456R														



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EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
J K L		US- 1,856,401	05/03/1932	Prince	—
		US- 1,885,256	11/01/1932	Gull	—
		US- 2,902,336	09/01/1959	Hiemstra et al.	—
		US- 3,137,592	06/16/1964	Protzman et al.	—
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
		EP 0 722 980 B1			11/14/2001	Bastioli et al.		
		EP 0 080 382 B1			08/10/1988	Minto et al.		
		EP 1 103 655 A1			05/30/2001	Wielema et al.		
		JP 4146217			05/20/1992	Masahiko		
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		WO 01/38635			05/31/2001	Wielema et al.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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J		A.J.F. de Carvalho, A.A.S. Curvelo, J.A.M. Agnelli, A FIRST INSIGHT ON COMPOSITES OF THERMOPLASTIC STARCH AND KAOLIN, Carbohydrate Polymers 45 (2001) 189-194, received 23 September 1999; revised 26 January 2000, 2001 Elsevier Science Ltd.	
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		Author Unknown, A NEW CROP OF NONWOVENS, Nonwovens Industry, February 2000, page 58.	
EXAMINER		DATE CONSIDERED	
John Guarriello		6/2003	

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	Application Number	09/914,966
	Confirmation Number	6640
	Filing Date	September 6, 2001
	First Named Inventor	Larry N. Mackey
	Group Art Unit	4714 / 1771
	Examiner Name	John Guarnello
Attorney Docket Number	7456R	

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EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
JG		US- 4,117,222	09/26/1978	Holst et al.	—
		US- 4,243,480	01/06/1981	Hernandez et al.	—
		US- 4,340,563	07/20/1982	Appel et al.	—
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		US- 4,826,415	05/02/1989	Mende	—

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EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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JG		Susanna Schiemer, BIODEGRADABLE CELLULOSE FIBER, Nonwovens World, October-November 1999, pages 71-74.	
JG		H. Dale Wilson, NOVEL POLYPROPYLENE RESINS FOR NONWOVENS, Nonwovens World October-November 1999, page 76.	
EXAMINER		John Guarnello	DATE CONSIDERED 6/2003

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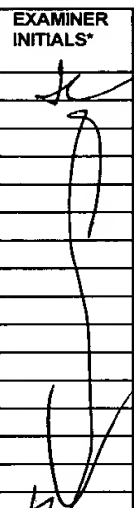
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) SHEET 3 of 5	COMPLETE IF KNOWN	
	Application Number	09/914,966
	Confirmation Number	6640
	Filing Date	September 12, 2001
	First Named Inventor	Larry N. Mackey
	Group Art Unit	1714-1701
	Examiner Name	John G. Gammella
Attorney Docket Number	7456R	

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		US- 4,855,179	08/08/1989	Bourland et al.	_____
		US- 4,900,361	02/13/1990	Sachetto et al.	_____
		US- 5,079,354	01/07/1992	Gross et al.	_____
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		Josef L. Kokin, Lih-Shiuh Lai, Lisa L. Chedid, EFFECT OF STARCH STRUCTURE ON STARCH RHEOLOGICAL PROPERTIES, Food Technology, June 1992, pages 130-138.	
EXAMINER		DATE CONSIDERED	

[Handwritten signature: John Gammella] *[Handwritten date: 6/2003]*

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SHEET 4 of 5

Application Number	09/914,966
Confirmation Number	6640
Filing Date	September 6, 2001
First Named Inventor	Larry N. Mackey
Group Art Unit	1714 / 1771
Examiner Name	John Guarnello
Attorney Docket Number	7456R

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J		D.H. Muller, A. Krobjilowski, MELTBLOWN FABRICS FROM BIODEGRADABLE POLYMERS, International Nonwovens Journal (March 2001); abstract only.	
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EXAMINER	John Guarnello		DATE CONSIDERED 6/2003

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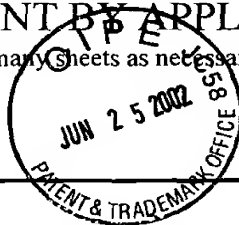
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		First Named Inventor	Larry N. Mackey
		Group Art Unit	1714 1711
		Examiner Name	John Guarnello
SHEET 5 of 5		Attorney Docket Number	7456R



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		US- 6,238,520 B1	05/29/2001	Greenwood	—
		US- 6,242,102 B1	06/05/2001	Tomka	—

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EXAMINER		John Guarnello	DATE CONSIDERED 6/2003

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09/914,966

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APPLICANT

LARRY NEIL MACKEY, ET AL.

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FILING DATE

GROUP

SEPTEMBER 6, 2001

1214/771

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
h	AA	5 5 1 6 8 1 5	5/1996	BUEHLER, E T AL.	523	129	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
							YES NO
h	AL	1 2 4 7 4 7 4	9/1971	GB			X
h	AM	1 0 0 0 8 3 6 4	1/1998	JP			X
h	AN	6 2 0 2 8 4 1 0	2/1987	JP			X
h	AO	0 8 2 7 6 3 3 1	1/1997	JP			X
h	AP						

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

h	AR	PATENT ABSTRACT OF JAPAN OF JP10008364 DATED JANUARY 13, 1998
h	AS	PATENT ABSTRACT OF JAPAN OF JP62028410 DATED FEBRUARY 6, 1987
h	AT	DERWENT PUBLICATION LTD. (XP002149061) "ABSORPTION ARTICLE-USES NON WOVEN FIBRE AGGREGATE COMPRISING WATER" (1998) AND JP09276331 DATED JANUARY 28, 1997

EXAMINER

John G. G. G.

DATE CONSIDERED

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